



PTO/SB/08b (01-08)

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Substitute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

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of

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### Complete if Known

Application Number	10/670,326 –Conf. #5080
Filing Date	September 26, 2003
First Named Inventor	Yong Cheol PARK
Art Unit	2627
Examiner Name	BIBBINS, L

Attorney Docket Number 0465-1030P

### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
AA*	US-2001/0011267-A1	08-02-2001	Kihara et al.		
AB*	US-2001/0026511-A1	10-04-2001	Ueda et al.		
AC*	US-2001/0043525-A1	11-22-2001	Ito et al.		
AD*	US-2002/0025138-A1	02-28-2002	Isobe et al.		
AE*	US-2002/0097665-A1	07-25-2002	Ko et al.		
AF*	US-2002/0097666-A1	07-25-2002	Ko et al.		
AG*	US-2002/0099950-A1	07-25-2002	Smith		
AH*	US-2002/0136118-A1	09-26-2002	Takahashi		
AI*	US-2002/0136134-A1	09-26-2002	Ito et al.		
AJ*	US-2002/0159382-A1	10-31-2002	Ohata et al.		
AK*	US-2002/0161774-A1	10-31-2002	Tol et al.		
AL*	US-2002/0176341-A1	11-28-2002	Ko et al.		
AM*	US-2003/0072236-A1	04-17-2003	Hirotsune et al.		
AN*	US-2003/0095482-A1	05-22-2003	Hung et al.		
AO*	US-2003/0126527-A1	07-03-2003	Kim et al.		
AP*	US-2003/0135800-A1	07-17-2003	Kim et al.		
AQ*	US-2003/0137909-A1	07-24-2003	Ito et al.		
AR*	US-2003/0137910-A1	07-24-2003	Ueda et al.		
AS*	US-2003/0142608-A1	07-31-2003	Yamamoto et al.		
AT*	US-2003/0149918-A1	08-07-2003	Takaichi		
AU*	US-2003/0173669-A1	09-18-2003	Shau		
AV*	US-2003/0198155-A1	10-23-2003	Go et al.		
AW*	US-2004/0001408-A1	01-01-2004	Propps et al.		
AX*	US-2004/0004917-A1	01-08-2004	Lee		
AY*	US-2004/0062159-A1	04-01-2004	Park et al.		
AZ*	US-2004/0062160-A1	04-01-2004	Park et al.		
AA1*	US-2004/0105363-A1	06-03-2004	Ko et al.		

Examiner Signature	Date Considered
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U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
AB1*	US-2004/0114474-A1	06-17-2004	Park et al.		
AC1*	US-2004/0120233-A1	06-24-2004	Park et al.		
AD1*	US-2004/0125716-A1	07-01-2004	Ko et al.		
AE1*	US-2004/0125717-A1	07-01-2004	Ko et al.		
AF1*	US-2004/0136292-A1	07-15-2004	Park et al.		
AG1*	US-2004/0145980-A1	07-29-2004	Park et al.		
AH1*	US-2004/0158768-A1	08-12-2004	Park et al.		
AI1*	US-2004/0174782-A1	09-09-2004	Lee et al.		
AJ1*	US-2004/0174785-A1	09-09-2004	Ueda et al.		
AK1*	US-2004/0179445-A1	09-16-2004	Park et al.		
AL1*	US-2004/0179458-A1	09-16-2004	Hwang et al.		
AM1*	US-2004/0223427-A1	11-11-2004	Kim et al.		
AN1*	US-2004/0246851-A1	12-09-2004	Hwang et al.		
AO1*	US-2005/0007910-A1	01-13-2005	Ito et al.		
AP1*	US-2005/0025007-A1	02-03-2005	Park		
AQ1*	US-2005/0052972-A1	03-10-2005	Park		
AR1*	US-2005/0052973-A1	03-10-2005	Park		
AS1*	US-2005/0055500-A1	03-10-2005	Park		
AT1*	US-2005/0060489-A1	03-17-2005	Park		
AU1*	US-2005/0068877-A1	03-31-2005	Yeo		
AV1*	US-2005/0083740-A1	04-21-2005	Kobayashi		
AW1*	US-2005/0083767-A1	04-21-2005	Terada et al.		
AX1*	US-2005/0083830-A1	04-21-2005	Martens et al.		
AY1*	US-2005/0195716-A1	09-08-2005	Ko et al.		
AZ1*	US-2005/0289389-A1	12-29-2005	Yamagami et al.		
AA2*	US-2006/0077827-A1	04-13-2006	Takahashi		
AB2*	US-2006/0195719-A1	08-31-2006	Ueda et al.		

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AC2*	US-2006/0203635-A1	09-14-2006	Ko et al.		
AD2*	US-2006/0203638-A1	09-14-2006	Ko et al.		
AE2*	US-2006/0203684-A1	09-14-2006	Ko et al.		
AF2*	US-2006/0227694-A1	10-12-2006	Woerlee et al.		
AG2*	US-2007/0294571-A1	12-20-2007	Park et al.		
AH2*	US-2008/0046780-A1	02-21-2008	Shibuya et al.		
AI2*	US-4,733,386	03-22-1988	Shimoi et al.		
AJ2*	US-4,807,205	02-21-1989	Picard et al.		
AK2*	US-5,111,444-A	05-05-1992	Fukushima et al.		
AL2*	US-5,210,734-A	05-11-1993	Sakurai et al.		
AM2*	US-5,235,585-A	08-10-1993	Bish et al.		
AN2*	US-5,237,553-A	08-17-1993	Fukushima et al.		
AO2*	US-5,247,494-A	09-21-1993	Ohno et al.		
AP2*	US-5,319,626	06-07-1994	Ozaki et al.		
AQ2*	US-5,404,357-A	04-04-1995	Ito et al.		
AR2*	US-5,442,611-A	08-15-1995	Hosaka et al.		
AS2*	US-5,448,728-A	09-05-1995	Takano et al.		
AT2*	US-5,475,820-A	12-12-1995	Natrsevschi et al.		
AU2*	US-5,481,519-A	01-02-1996	Hosoya et al.		
AV2*	US-5,495,466-A	02-27-1996	Dohmeier et al.		
AW2*	US-5,528,571-A	06-18-1996	Funahashi et al.		
AX2*	US-5,553,045-A	09-03-1996	Obata et al.		
AY2*	US-5,577,194-A	11-19-1996	Wells et al.		
AZ2*	US-5,608,715	03-04-1997	Yokogawa et al.		
AA3*	US-5,715,221-A	02-03-1998	Ito et al.		
AB3*	US-5,720,030-A	02-17-1998	Kamihara et al.		
AC3*	US-5,740,435-A	04-14-1998	Yamamoto et al.		
AD3*	US-5,745,444-A	04-28-1998	Ichikawa et al.		
AE3*	US-5,799,212-A	08-25-1998	Ohmori et al.		
AF3*	US-5,802,028-A	09-01-1998	Igarashi et al.		
AG3*	US-5,848,038-A	12-08-1998	Igarashi et al.		
AH3*	US-5,867,455-A	02-02-1999	Miyamoto et al.		

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Sheet	<b>4</b>	of	<b>9</b>	Attorney Docket Number	0465-1030P

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		Number-Kind Code <sup>2</sup> (if known)	MM-DD-YYYY		
AI3*	US-5,914,928-A	06-22-1999	Takahashi et al.		
AJ3*	US-6,058,085-A	05-02-2000	Obata et al.		
AK3*	US-6,118,608-A	09-12-2000	Kakihara et al.		
AL3*	US-6,138,203-A	10-24-2000	Inokuchi et al.		
AM3*	US-6,233,654-B1	05-15-2001	Aoki et al.		
AN3*	US-6,292,445-B1	09-18-2001	Ito et al.		
AO3*	US-6,341,109-B1	01-22-2002	Kayanuma et al.		
AP3*	US-6,341,278-B1	01-22-2002	Yamamoto et al.		
AQ3*	US-6,405,332-B1	06-11-2002	Bando et al.		
AR3*	US-6,414,923-B1	07-02-2002	Park et al.		
AS3*	US-6,447,126-B1	09-10-2002	Hornbeck		
AT3*	US-6,477,126-B1	11-05-2002	Park et al.		
AU3*	US-6,529,458-B1	03-04-2003	Shin et al.		
AV3*	US-6,581,167-B1	06-17-2003	Gotoh et al.		
AW3*	US-6,615,363-B1	09-02-2003	Fukasawa et al.		
AX3*	US-6,631,106-B1	10-07-2003	Numata et al.		
AY3*	US-6,633,724-B1	10-14-2003	Hasegawa et al.		
AZ3*	US-6,667,939-B1	12-23-2003	Miyamoto et al.		
AA4*	US-6,671,249-B2	12-30-2003	Horie et al.		
AB4*	US-6,697,306-B2	02-24-2004	Sako et al.		
AC4*	US-6,724,701-B2	04-20-2004	Ijtsma et al.		
AD4*	US-6,738,341-B2	05-18-2004	Ohata et al.		
AE4*	US-6,754,860-B2	06-22-2004	Kim et al.		
AF4*	US-6,760,288-B2	07-06-2004	Ijtsma et al.		
AG4*	US-6,763,429-B1	07-13-2004	Hirayama et al.		
AH4*	US-6,766,418-B1	07-20-2004	Alexander et al.		
AI4*	US-6,795,389-B1	09-21-2004	Nishiuchi et al.		

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AJ4*	US-6,804,797-B2	10-12-2004	Ko et al.		
AK4*	US-6,826,140-B2	11-30-2004	Brommer et al.		
AL4*	US-6,842,580-B1	01-11-2005	Ueda et al.		
AM4*	US-6,845,069-B2	01-18-2005	Nakahara et al.		
AN4*	US-6,883,111-B2	04-19-2005	Yoshida et al.		
AO4*	US-6,918,003-B2	07-12-2005	Sasaki et al.		
AP4*	US-6,999,398-B2	02-14-2006	Yamamoto et al.		
AQ4*	US-7,002,882-B2	02-21-2006	Takahashi et al.		
AR4*	US-7,027,059-B2	04-11-2006	Hux et al.		
AS4*	US-7,027,373-B2	04-11-2006	Ueda et al.		
AT4*	US-7,042,825-B2	05-09-2006	Yamamoto et al.		
AU4*	US-7,050,701-B1	05-23-2006	Sasaki et al.		
AV4*	US-7,092,334-B2	08-15-2006	Choi et al.		
AW4*	US-7,149,930-B2	12-12-2006	Ogawa et al.		
AX4*	US-7,184,377-B2	02-27-2007	Ito et al.		
AY4*	US-7,188,271-B2	03-06-2007	Park et al.		
AZ4*	US-7,233,550-B2	06-19-2007	Park et al.		
AA5*	US-7,272,086-B2	09-18-2007	Hwang et al.		
AB5*	US-7,289,404-B2	10-30-2007	Park et al.		
AC5*	US-7,296,178-B2	11-13-2007	Yoshida et al.		
AD5*	US-7,327,654-B2	02-05-2008	Hwang et al.		
AE5*	US-5,940,702-A	08-17-1999	Sakao et al.		
AF5*	US-6,785,206-B1	08-31-2004	Lee et al.		
AG5*	US-7,379,402-B2	05-27-2008	Ko et al.		
AH5*	US-7,349,301-B2	03-25-2008	Terada et al.		
AI5*	US-6,542,450-B1	04-01-2003	Park et al.		
AJ5*	US-6,496,807-B1	12-17-2002	Inokuchi et al.		
AK5*	US-2004/193946	09-30-2004	Park et al.		

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FOREIGN PATENT DOCUMENTS						
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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
BA	CN-1134017-A		10-23-1996	Sony Corp		ABS
BB	CN-1140897-C		01-22-1997	Nippon Electric Co		ABS
BC	CN-1227950-A		09-08-1999	LG Electronics Inc		ABS
BD	CN-1273419-A		11-15-2000	Samsung Electronics Co Ltd		ABS
BE	CN-1675708-A		09-28-2005	Samsung Electronics Co Ltd		ABS
BF	CN-1685426-A		10-19-2005	Sony Corp		ABS
BG	DE-199 54 054-A1		06-21-2000	LG Electronics Inc		ABS
BH	EP-0314186-A2		05-03-1989	Matsushita Electric Ind Co Ltd		
BI	EP-0325823-A1		08-02-1989	Laserdrive Ltd		
BJ	EP-0350920-A2		01-17-1990	Matsushita Electric Ind Co Ltd		
BK	EP-0464811-A2		01-08-1992	Matsushita Electric Ind Co Ltd		
BL	EP-0472484-A2		02-26-1992	Ibm		
BM	EP-0477503-A2		04-01-1992	Fuji Photo Film Co Ltd		
BN	EP-0556046-A1		08-18-1993	Sony Corp		
BO	EP-0871172-A2		10-14-1998	Sony Corp		
BP	EP-0974967-A1		01-26-2000	Fujitsu Ltd et al.		
BQ	EP-0989554-A1		03-29-2000	Sony Corp		
BR	EP-1026681-B1		08-09-2000	Matsushita Electric Ind Co Ltd		
BS	EP-1043723-A1		10-11-2000	Matsushita Electric Ind Co Ltd		
BT	EP-1148493-A2		10-24-2001	Samsung Electronics Co Ltd		
BU	EP-1152414-A2		11-07-2001	Matsushita Electric Ind Co Ltd		
BV	EP-1239478-A1		09-11-2002	Matsushita Electric Ind Co Ltd		
BW	EP-1274081-A2		01-08-2003	Nippon Electric Co		
BX	EP-1298659-A1		04-02-2003	Samsung Electronics Co Ltd		
BY	EP-1329888-A1		07-23-2003	Matsushita Electric Ind Co Ltd		
BZ	EP-1347452-A2		09-24-2003	Matsushita Electric Ind Co Ltd		
BA1	EP-1547065-A0		06-25-2005	LG Electronics Inc		

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Substitute for form 1449/PTO				<b>Complete if Known</b>	
				Application Number	10/670,326 -Conf. #5080
				Filing Date	September 26, 2003
				First Named Inventor	Yong Cheol PARK
				Art Unit	2627
				Examiner Name	BIBBINS, L
Sheet	7	of	9	Attorney Docket Number 0465-1030P	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	MM-DD-YYYY			
BB1	EP-1564740-A1	08-17-2005	Sony Corp			
BC1	EP-1573723-A0	09-14-2005	LG Electronics Inc			
BD1	EP-1623422-A0	02-08-2006	LG Electronics Inc			
BE1	GB-2356735-A	05-30-2001	Mitsubishi Electric Corp			
BF1	JP-10-050005-A	02-20-1998	Nec Gumma Ltd		ABS	
BG1	JP-10-050032-A	02-20-1998	Sony Corp		ABS	
BH1	JP-10-187356	07-14-1998	Tokyo Shibaura Electric Co		ABS	
BI1	JP-10-187357	07-14-1998	Nippon Electric Eng		ABS	
BJ1	JP-10-187358	07-14-1998	Hitachi Ltd		ABS	
BK1	JP-10-187359	07-14-1998	Tokyo Shibaura Electric Co		ABS	
BL1	JP-10-187360	07-14-1998	Tec Corp		ABS	
BM1	JP-10-187361-A1	07-14-1998	Hitachi Koki Kk		ABS	
BN1	JP-11-110888-A	04-23-1999	Nippon Kogaku Kk		ABS	
BO1	JP-11-203792-A	07-30-1999	NEC Corp		ABS	
BP1	JP-01-263955-A	10-20-1989	Matsushita Electric Ind Co Ltd		ABS	
BQ1	JP-2000-195178-A	07-14-2000	Matsushita Electric Ind Co Ltd		ABS	
BR1	JP-2000-215612	08-04-2000	LG Electronics Inc		ABS	
BS1	JP-2000-285607-A	10-13-2000	Tokyo Shibaura Electric Co		ABS	
BT1	JP-2001-023317-A	01-26-2001	Nippon Electric Co		ABS	
BU1	JP-2001-069440-A	03-16-2001	Sanyo Electric Co		ABS	
BV1	JP-2001-110168-A	04-20-2001	Ricoh Kk		ABS	
BW1	JP-2001-351334-A	12-21-2001	Sony Corp		ABS	
BX1	JP-2001-357623-A	12-26-2001	Victor Company Of Japan		ABS	
BY1	JP-2002-015507-A	01-18-2002	Sony Corp		ABS	
BZ1	JP-2002-015525-A	01-18-2002	Fujitsu Ltd et al.		ABS	
BA2	JP-2002-056619-A	02-22-2002	Sony Corp		ABS	
BB2	JP-2002-215612-A	08-02-2002	Seiko Epson Corp		ABS	
BC2	JP-2002-245723-A	08-30-2002	Matsushita Electric Ind Co Ltd		ABS	
BD2	JP-2002-288938-A	10-04-2002	Tokyo Shibaura Electric Co		ABS	
BE2	JP-2002-329321-A	11-15-2002	Sony Corp		ABS	
BF2	JP-2002-352522-A	12-06-2002	Matsushita Electric Ind Co Ltd		ABS	

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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
BG2	JP-2003-536194-A		12-02-2003			ABS
BH2	JP-2004-280864-A		10-07-2004	Sony Corp		ABS
BI2	JP-2004-280865-A		10-07-2004	Sony Corp		ABS
BJ2	JP-2005-538490-A		12-15-2005			ABS
BK2	JP-2005-538491-A		12-15-2005			ABS
BL2	JP-2006-519445-A		08-24-2006			ABS
BM2	JP-05-274814-A		10-22-1993			ABS
BN2	JP-63-091842-A		04-22-1988	Matsushita Electric Ind Co Ltd		ABS
BO2	JP-06-349201-A		12-22-1994	Matsushita Electric Ind Co Ltd		ABS
BP2	JP-08-096522-A		04-12-1996	Sony Corp		ABS
BQ2	JP-09-145634-A		06-06-1997	Sony Corp		ABS
BR2	JP-09-231053-A		09-05-1997	Nec Software Ltd		ABS
BS2	KR-1020040094301-A		11-09-2004			ABS
BT2	WO-2004/015708-A1		02-19-2004	Samsung Electronics Co Ltd		
BU2	WO-2004/081926-A1		09-23-2004	Samsung Electronics Co Ltd		
BV2	TW-371752		10-11-1999			ABS
BW3	TW-413805		12-01-2000			ABS
BX2	WO-00/54274-A1		09-14-2000	Matsushita Electric Ind Co Ltd		
BY2	WO-01/22416-A1		03-29-2001	Koninkl Philips Electronics Nv		
BZ2	WO-01/93035-A2		12-06-2001	Dataplay Inc		
BA3	WO-03/007296-A1		01-23-2003	Ciba Sc Holding Ag et al.		
BB3	WO-03/025924-A1		03-27-2003	Tdk Corp et al.		
BC3	WO-03/079353-A1		09-25-2003	Matsushita Electric Ind Co Ltd		
BD3	WO-2004/015707-A1		02-19-2004	Samsung Electronics Co Ltd et al.		
BE3	WO-2004/075180-A1		09-02-2004	LG Electronics Inc		
BF3	WO-2004/029668-A2		04-08-2004	LG Electronics Inc		
BG3	WO-2004/029941-A1		04-08-2004	LG Electronics Inc		
BH3	WO-2004/034396-A1		04-22-2004	Samsung Electronics Co Ltd		
BI3	WO-2004/036561-A1		04-29-2004	Samsung Electronics Co Ltd		

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		Country Code <sup>3</sup>	Number <sup>4</sup> ·Kind Code <sup>5</sup> (if known)				
BJ3	WO-2004/053872-A1		06-24-2004	LG Electronics Inc			
BK3	WO-2004/053874-A1		06-24-2004	LG Electronics Inc			
BL3	WO-2004/068476-A1		08-12-2004	LG Electronics Inc			
BM3	WO-2004/079740-A1		09-16-2004	LG Electronics Inc			
BN3	WO-2004/093035-A1		10-28-2004	Ds Enterprise Inc et al.			
BO3	WO-2004/100155-A1		11-18-2004	LG Electronics Inc et al.			
BP3	WO-2004/100156-A1		11-18-2004	LG Electronics Inc et al.			
BQ3	WO-2005/004123-A1		01-13-2005	LG Electronics Inc et al.			
BR3	WO-84/00628-A1		02-16-1984	Western Electric Co			
BS3	WO-96/30902-A1		10-03-1996	Ibm et al.			
BT3	WO-97/22182-A1		06-19-1997	Matsushita Electric Ind Co Ltd et al.			
BU3	WO-2004/025648-A1		03-25-2004	Samsung Electronics Co Ltd			
BV3	WO-2004/025649-A1		03-25-2004	Samsung Electronics Co Ltd			
BW3	WO-2004/079631-A2		09-16-2004	Koninklijke Philips Electronics NV			
BX3	RU-2005 103 626		09-10-2005				
BY3	RU-2005 127 337		02-10-2006				

NON PATENT LITERATURE DOCUMENTS						
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				T <sup>2</sup>
CA		JIS handbook data processing for hardware, Japan, Japanese Standards Association Inc., April 21, 1999, Pages 1064-1070				

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